

Title (en)  
BASE INTERLINING, METHODS FOR THEIR MANUFACTURE AND APPLICATION THEREOF

Title (de)  
BASISEINLAGE, VERFAHREN ZU IHRER HERSTELLUNG UND DEREN VERWENDUNG

Title (fr)  
ENTOILAGES DE BASE, LEURS PROCÉDÉS DE FABRICATION ET LEURS APPLICATIONS

Publication  
**EP 2231917 B1 20160511 (EN)**

Application  
**EP 08861555 A 20081208**

Priority  
• US 2008085845 W 20081208  
• DE 102007060494 A 20071214

Abstract (en)  
[origin: CA2708655A1] The invention relates to a novel binder system and its use for bonding textile fabrics as well as products containing such bonded textile fabrics. The materials according to the invention are suitable for manufacturing base interlinings which may be used for manufacturing base interlinings for sarking, roofing and sealing membranes, particularly for manufacturing coated sarking, roofing and sealing membranes.

IPC 8 full level  
**D06M 15/11** (2006.01); **C08K 5/053** (2006.01); **C08L 3/00** (2006.01); **C08L 3/02** (2006.01); **C08L 9/02** (2006.01); **C08L 9/06** (2006.01); **C08L 13/00** (2006.01); **C09J 103/02** (2006.01); **C09J 103/04** (2006.01); **C10M 143/10** (2006.01); **C10M 143/12** (2006.01); **D06M 15/227** (2006.01); **D06M 15/233** (2006.01)

CPC (source: EP US)  
**C08K 5/053** (2013.01 - EP US); **C08L 3/02** (2013.01 - EP US); **C08L 3/04** (2013.01 - EP US); **C08L 9/06** (2013.01 - EP US); **C08L 13/00** (2013.01 - EP US); **C09J 103/02** (2013.01 - EP US); **C09J 103/04** (2013.01 - EP US); **D04H 1/4218** (2013.01 - EP US); **D04H 1/49** (2013.01 - EP US); **D04H 1/64** (2013.01 - EP US); **D04H 3/004** (2013.01 - EP US); **D04H 3/011** (2013.01 - EP US); **D04H 3/02** (2013.01 - EP US); **D04H 3/11** (2013.01 - EP US); **D04H 3/12** (2013.01 - EP US); **D04H 3/14** (2013.01 - EP US); **D04H 3/16** (2013.01 - EP US); **D06M 15/11** (2013.01 - EP US); **D06M 15/227** (2013.01 - EP US); **D06M 15/233** (2013.01 - EP US); **D06N 5/00** (2013.01 - EP US); **E04D 5/02** (2013.01 - EP US); **C08L 3/00** (2013.01 - EP US); **C08L 9/02** (2013.01 - EP US); **Y10T 428/249921** (2015.04 - EP US); **Y10T 442/10** (2015.04 - EP US); **Y10T 442/20** (2015.04 - EP US); **Y10T 442/2762** (2015.04 - EP US); **Y10T 442/2861** (2015.04 - EP US); **Y10T 442/2893** (2015.04 - EP US); **Y10T 442/2902** (2015.04 - EP US); **Y10T 442/291** (2015.04 - EP US)

C-Set (source: EP US)  
1. **C08L 9/06 + C08L 3/02**  
2. **C08L 13/00 + C08L 3/02**  
3. **C08L 3/02 + C08L 9/06**  
4. **C08L 3/02 + C08L 33/08**  
5. **C09J 103/02 + C08L 9/06**  
6. **C09J 103/04 + C08L 9/06**

Citation (opposition)  
Opponent : Politec Sas di Freudenberg Politec Srl.  
• US 4055694 A 19771025 - HADGRAFT ROBERT B, et al  
• US 3779857 A 19731218 - HADGRAFT R, et al  
• WO 0112343 A1 20010222 - RUG HOLD NAT SERVICE CT INC [US], et al  
• US 6034005 A 20000307 - DIEHL DAVID F [US]  
• US 5130395 A 19920714 - NGUYEN CHARLES C [US], et al  
• EP 0405921 A1 19910102 - SEQUA CHEMICALS INC [US]  
• US 5358998 A 19941025 - WENDEL KURT [DE], et al  
• US 5525414 A 19960611 - WAGERS JAMES A [US], et al  
• US 5147907 A 19920915 - RINCK GUENTER [DE], et al  
• US 4109056 A 19780822 - CRAIG GERALD, et al  
• EP 0021693 A1 19810107 - ROHM & HAAS [US]  
• US 6114262 A 20000905 - GROH WERNER [DE], et al  
• DE 7739489 U1 19780420  
• PETRIE, E. M.: "Latex Binders for Nonwoven Fabrics", SPECIALCHEM, 1 September 2005 (2005-09-01), XP003028795  
• RUSSE LL, C. R.: "Industrial Use of Corn Starch", 58TH ANNUAL MEETING OF THE AMERICAN ASSOCIATION OF SERIAL CHEMISTS, 4 November 1973 (1973-11-04), pages 262 - 284, XP055355537  
• WILEY-VCH VERLAG: "Polymer Dispersions and Their Industrial Applications", 2002, URBAN ET AL., ISBN: 978-3-527-60058-8, article TAKAMURA. K. ET AL.: "Non-wovens Application", pages: 267 - 281, XP055355544

Cited by  
WO2021247326A1; WO2021028369A1; EP2607533A2; DE102011121589A1; US10260197B2; US11248338B2; US11408123B2; EP3530804A1; US10836876B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 102007060494 A1 20090618**; CA 2708655 A1 20090625; CA 2708655 C 20170509; CN 101903589 A 20101201; CN 101903589 B 20131113; DK 2231917 T3 20160815; EP 2231917 A1 20100929; EP 2231917 B1 20160511; PL 2231917 T3 20161130; RU 2010129039 A 20120120; RU 2454493 C2 20120627; US 2011223402 A1 20110915; US 9574291 B2 20170221; WO 2009079254 A1 20090625

DOCDB simple family (application)  
**DE 102007060494 A 20071214**; CA 2708655 A 20081208; CN 200880120970 A 20081208; DK 08861555 T 20081208; EP 08861555 A 20081208; PL 08861555 T 20081208; RU 2010129039 A 20081208; US 2008085845 W 20081208; US 74622808 A 20081208